

Abstract

Method for reducing the crest factor

The invention relates to a method for reducing the crest factor of a data symbol to be transmitted in a multi-carrier data transmission system, in which the data symbol to be transmitted is a function of a multiplicity of signals provided within a predetermined data frame and each of these signals is allocated to a carrier, each carrier occupying in each case at least one frequency from a transmit data spectrum, at least one carrier being reserved which is not provided for the data transmission and the predetermined data frame exhibiting the data symbol and a prefix which is derived from a part of the data symbol, in which peak values within the prefix are also taken into consideration for reducing the crest factor.

Figure 6